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September 4, 2003

PATENT APPLICATION
DOCKET NO.: 3070.1010-000

GAU 2816

#7
10.11.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Miao Chen Wu

Application No.: 10/008,364 Group Art Unit: 2816

Filed: November 13, 2001 Examiner: Not assigned

Confirmation No.: 4380

Title: DIFFERENTIAL SLICER CIRCUIT FOR DATA COMMUNICATION

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
on <u>9/10/03</u>	<u>Julie Kertych</u>
Date	Signature
<u>Julie Kertych</u>	
Typed or printed name of person signing certificate	

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TRANSMITTAL OF REVOCATION OF POWERS OF ATTORNEY
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed herewith are an executed Revocation of Powers of Attorney and Appointment of New Attorneys and/or Agents and Change of Correspondence Address with Attachment A, and a Statement under 37 C.F.R. §3.73(b) with Attachment A, for filing in the above-captioned matter.

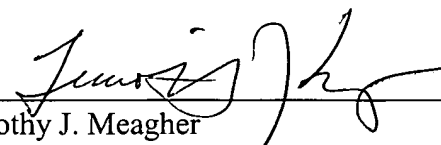
10/008,364

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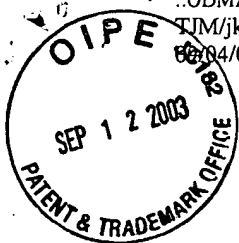
Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By: 
Timothy J. Meagher
Registration No.: 39,302
Telephone: (978) 341-0036
Facsimile: (978) 341-0136

Concord, MA 01742-9133
Date: 9/10/03



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on <u>9/10/03</u>	<u>Julie Kertypah</u>
Date	Signature
<u>Julie Kertypah</u>	
Typed or printed name of person signing certificate	

REVOCATION OF POWERS OF ATTORNEY
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Narad Networks, Inc., a Corporation duly organized under the laws of the State of Delaware, is the assignee of the entire right, title and interest in the patent applications/patents identified in Attachment A. Narad Networks, Inc., hereby appoints agents associated with:

Customer No.: 28120
Ropes & Gray LLP
One International Place
Boston, Massachusetts 02110-2624

to prosecute the identified applications/patents and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

A Statement under 37 C.F.R. §3.73(b) with Attachment A is submitted herewith.

All correspondence should be sent to Customer No.: 28120, Docketing Specialist 33/48, Ropes & Gray LLP, One International Place, Boston, Massachusetts 02110-2624. Please direct all telephone calls to Edward Kelly at (617) 951-7532, and all facsimile communications to (617) 951-7050.

Respectfully submitted,
Narad Networks, Inc.

By

Title:

Date

Chief Financial Officer

9/8/03

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STATEMENT UNDER 37 C.F.R. § 3.73(b)

Narad Networks, Inc.
(Name of Assignee)

, a

corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application(s)/patents identified in the attached Attachment A; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application(s)/patents identified in Attachment A. The assignment was recorded in the Patent and Trademark Office at the Reel(s) and Frame(s) indicated in Attachment A, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: To:
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
2. From: To:
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
3. From: To:
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 9/8/03

Name: James L. Eliason

Title: Chief Financial Officer

Signature: J. L. Eliason

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ATTACHMENT A

Applicants:	Subrahmanyam Dravida, Prasad Dorbala, Dev. V. Gupta and Satya V. Gupta	Atty. Docket No.: 3070.1000-002
Application No.:	09/952,374	Group: 2122
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	5951	
Title:	Broadband System with Intelligent Network Devices	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 7, 2002	Reel: 01244 Frame(s): 0070-0074
Applicants:	Subrahmanyam Dravida, Dev V. Gupta, Frederick Peralta, Kiran M. Rege and Manas Tandon	Atty. Docket No.: 3070.1000-003
Application No.:	09/952,482	Group: 2122
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	4046	
Title:	Network Architecture for Intelligent Network Elements	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 7, 2002	Reel: 01244 Frame(s): 0081-0085

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Applicants:	Subrahmanyam Dravida, David Kravitz, Sanjiv Nanda, Sriram Narayan, Pinar Ormeci, Kiran M. Rege, Vyomesh Shah, Jerome D. Strombosky, Daniel Talbot, Manas Tandon, Wei Ye, Xiangdong Zhang and Dev. V. Gupta	Atty. Docket No.: 3070.1000-004
Application No.:	09/952,479	Group: 2665
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	4029	
Title:	System and Method for Assigning Network Data Packet Header	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 7, 2002	Reel: 012444 Frame(s): 0101-0109
Applicants:	Srinivas Balabhadrapatruni, Gautam Desai, Prasad Dorbala, Ravi S. Kumar, Srinivas Loke, Sanjiv Nanda, Kiran M. Rege, Prashant Saxena, Manas Tandon	Atty. Docket No.: 3070.1000-005
Application No.:	09/952,327	Group: 2661
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	3647	
Title:	System and Method for Call Admission Control	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 8, 2002	Reel: 012433 Frame(s): 0689-0695

Applicants:	Gautam Desai, Subrahmanyam Dravida, Satya V. Gupta, Kiran M. Rege, Manas Tandon, Ravi S. Kumar, and Dequan Wu	Atty. Docket No.: 3070.1000-006
Application No.:	09/952,480	Group: 2151
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	4033	
Title:	System and Method for mapping End User Identifiers to Access Device Identifiers	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 7, 2002	Reel: 012423 Frame(s): 0540-0545
Applicants:	Gautam Desai, Kiran m. Rege and Manas Tandon	Atty. Docket No.: 3070.1000-007
Application No.:	09/952,373	Group: 2152
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	5952	
Title:	System and Method for Message Transmission Based on Intelligent Network Element Device Identifiers	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 18, 2002	Reel: 012492 Frame(s): 0546-0549

Applicants:	Subrahmanyam Dravida, Dev. V. Gupta, Sriram Narayan, Federick Peralta, Kiran Rege, and Manas Tandon	Atty. Docket No.: 3070.1000-008
Application No.:	09/952,207	Group: 2661
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	3560	
Title:	Broadband System Having Routing Identification Based Switching	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 7, 2002	Reel: 012443 Frame(s): 0789-0794
Applicants:	Manas Tandon	Atty. Docket No.: 3070.1000-009
Application No.:	09/952,306	Group: 2661
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	3651	
Title:	Broadband System Having Routing Identification Assignment	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 8, 2002	Reel: 012459 Frame(s): 0062-0064
Applicants:	Gautam Desai, Prasad Dorbala, Subrahmanyam Dravida, Der V. Gupta, Anoop Jayadevan, Kiran Rege, Manas Tandon, and Sitaram Dikshitulu	Atty. Docket No.: 3070.1000-010
Application No.:	09/952,321	Group: 2661
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	3653	
Title:	Broadband System With Topology Discovery	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 8, 2002	Reel: 012438 Frame(s): 0864-0871

Applicants:	Dev V. Gupta, Satya V. Gupta, Sriram Narayan, Federick Peralta, Kiran Rege, Manas Tandon, Subrahmanyam Dravida,	Atty. Docket No.: 3070.1000-011
Application No.:	09/952,322	Group: 2661
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	3649	
Title:	Broadband System With QOS Based Packet Handling	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Network, Inc.	
Recordation Date:	January 8, 2002	Reel: 012459 Frame(s): 0055-0061
Applicants:	Subrahmanyam Dravida, Sriram Narayan, Federick Peralta, Kiran Rege, Vyomesh Shah, Manas Tandon	Atty. Docket No.: 3070.1000-012
Application No.:	09/952,381	Group: 2662
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	5943	
Title:	Broadband System With Transmission Scheduling and Flow Control	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 7, 2002	Reel: 012443 Frame(s): 0783-0788
Applicants:	Satya V. Gupta, Sanjiv Nanda, Kiran Rege, Nitin Sonawane, and Manas Tandon	Atty. Docket No.: 3070.1000-013
Application No.:	09/952,481	Group: 2661
Filed:	September 13, 2001	Examiner: N/A
Confirmation No.:	4039	
Title:	Broadband System With Traffic Policing and Transmission Scheduling	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	January 16, 2002	Reel: 012497 Frame(s): 0292-0296

Applicants:	Srinivas Balabhadrapatruni, Srinivas Loke, Prasad Dorbala, Satish L. Yellanki, Sunull K. Kotagiri, Sitaram Dikshitulu, Deepika Gupta, Dequan Wu, Ravi S. Kumar, Kishore R. Ramasayam, Vikram Saksena, Prashant Saxena, Radu Carioveanu, Dinesh Lokhande, Zhenyu Li, Subrahmanyam Dravida, Dev. V. Gupta and David A. O'Hara	Atty. Docket No.: 3070.1003-001
Application No.:	10/142,728	Group: 2165
Filed:	May 8, 2002	Examiner: N/A
Confirmation No.:	8839	
Title:	System and Method for Network Service Provisioning	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	August 20, 2002	Reel: 013201 Frame(s): 0229-0252
Applicants:	Srinivas Balabhadrapatruni, Prasad Dorbala, Satish L. Yellanki, Sunull K. Kotagiri, Srinivas Loke, Charles Bear, Ravi S. Kumar, Vikram Saksena	Atty. Docket No.: 3070.1004-001
Application No.:	10/143,728	Group: 2171
Filed:	May 8, 2002	Examiner: Not assigned
Confirmation No.:	2482	
Title:	Extensible Service Provisioning Engine	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	August 2, 2002	Reel: 013150 Frame(s): 0131-0138

Applicants:	Nitin Sonawane and Vikram Saksena	Atty. Docket No.: 3070.1006-001
Application No.:	10/180,950	Group: 2611
Filed:	June 25, 2002	Examiner: N/A
Confirmation No.:	7485	
Title:	Method and Apparatus for Delivering Consumer Entertainment Services Using Virtual Devices Accessed Over a High-Speed Quality-of-Service Enabled Communications Network	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	August 20, 2002	Reel: 013202 Frame(s): 0142-0145
Applicants:	Charles Bear, Prasad Dorbala, Sunil K. Kotagiri, Srinivas Loke, Vikram Saksena, Ravi S. Kumar and Satish I. Yellanki	Atty. Docket No.: 3070.1007-000
Application No.:	10/247,805	Group: 2171
Filed:	September 19, 2002	Examiner: N/A
Confirmation No.:	2403	
Title:	Language and Interface for Unified Network Service Creation, Provision and Deployment	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	November 20, 2002	Reel: 013510 Frame(s): 0010-0015
Applicants:	Charles Bear, Prasad Dorbala, Sunil K. Kotagiri, Srinivas Loke, Vikram Saksena, Ravi S. Kumar and Satish L. Yellanki	Atty. Docket No.: 3070.1007-001
Application No.:	10/247,804	Group: 2171
Filed:	September 19, 2002	Examiner: N/A
Confirmation No.:	2404	
Title:	Language and Interface for Unified Network Service Creation, Provision and Deployment	
Patent No.:	N/A	Granted: N/A

Assignee:	Narad Networks, Inc.		
Recordation Date:	November 20, 2002	Reel: 013510	Frame(s): 0359-0364
Applicants:	Miaochen Wu, Xiangdong Zhang, Angelos Alexanian, and Wei Ye	Atty. Docket No.: 3070.1008-000	
Application No.:	10/010,063	Group:	2632
Filed:	November 13, 2001	Examiner:	N/A
Confirmation No.:	2756		
Title:	Frequency Acquisition and Locking Detection Circuit for Phase Lock Loop		
Patent No.:	N/A	Granted: N/A	
Assignee:	Narad Networks, Inc.		
Recordation Date:	February 12, 2002	Reel: 012625	Frame(s): 0527-0531
Applicants:	Miaochen Wu	Atty. Docket No.: 3070.1009-000	
Application No.:	10/010,951	Group:	2681
Filed:	November 13, 2001	Examiner:	N/A
Confirmation No.:	5696		
Title:	Automatic Gain Control Circuit With Multiple Input Signals		
Patent No.:	N/A	Granted: N/A	
Assignee:	Narad Networks, Inc.		
Recordation Date:	February 21, 2002	Reel: 012647	Frame(s): 0878-0880

Applicants:	Miaochen Wu	Atty. Docket No.: 3070.1010-000
Application No.:	10/008,364	Group: 2816
Filed:	November 13, 2001	Examiner: N/A
Confirmation No.:	4380	
Title:	Differential Slicer Circuit for Data Communication	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	February 12, 2002	Reel: 012625 Frame(s): 0515-0517
Applicants:	Dev Vrat Gupta, Miaochen Wu, Xiangdong Zhang, and Wei Ye	Atty. Docket No.: 3070.1011-000
Application No.:	10/012,681	Group: 2816
Filed:	November 13, 2001	Examiner: N/A
Confirmation No.:	9552	
Title:	Slicer Circuit With Ping Pong Scheme for Data Communication	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	February 26, 2002	Reel: 012645 Frame(s): 0727-0731
Applicants:	Daniel B. Talbot	Atty. Docket No.: 3070.1012-000
Application No.:	10/197,623	Group: 2184
Filed:	July 16, 2002	Examiner: N/A
Confirmation No.:	4393	
Title:	Adaptive Correction of a Received Signal Frequency Response Tilt	
Patent No.:	N/A	Granted: N/A
Assignee:	Narad Networks, Inc.	
Recordation Date:	October 9, 2002	Reel: 013378 Frame(s): 0652-0654